FORM PTO-1595 PECO	- 19 - 2000 U.S. DEPARTMENT OF COMM Patent and Trademark
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Tab settings $\Rightarrow \Rightarrow \Rightarrow \nabla$ ∇ 10	1490894 <u>v v</u>
To the Honorable Commissioner of Patents and Trademarks	Please record the allached original documents or copy thereof.
 Name of conveying party(ies); 	2. Name and address of receiving party(ies)
Keith E. Robison	Name: Millennium Pharmaceuticals, Inc.
	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes No	
3. Nature of conveyance	☐
I Assignment I Merger	Street Address: 75 Sidney Street
□ Security Agreement □ Change of Name	
□ Other	City: Cambridge State: MA ZIP: 0213
Execution Date: June 22, 2000	Additional name(s) & address(es) attached? 🛛 Yes 🛛 No
If this document is being filed together with a new application, A. Patent Application No.(s) 09/579,182	B. Patent No.(s)
Additional numbers at	│ ached? □ Yes ⊠ No
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved
Name: Amy E. Mandragouras	7. Total fee (37 CFR 3.41)\$ \$40.00
Internal Address: Lahive & Cockfield, LLP	⊠ Enclosed
	Authorized to be charged to deposit account
Street Address: 28 State Street	8. Deposit account number:
	12-0080
City: Boston State: MA ZIP: 02109	
	E THIS SPACE
 Statement and signature. To the best of my knowledge and belief, the foregoing informa 	tion is true and correct and any attached copy is a true copy of
the original document. Maria C. Laccotripe, Ph.D. Limited Recognition Under 37 CFR §10.9(b) Name of Person Signing Total number of pages including cov	Ire Date Date document:
Maria C. Laccotripe, Ph.D. Limited Recognition Under 37 CFR §10.9(b) Name of Person Signing Total number of pages including cov	

PATENT REEL: 011157 FRAME: 0986

ASSIGNMENT

I, Keith E. Robison of Wilmington, MA, in consideration of One Dollar and other valuable consideration paid to me by

Millennium Pharmaceuticals, Inc.

a corporation of Delaware, having its principal place of business at 75 Sidney Street, Cambridge, MA 02139 the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Millennium Pharmaceuticals, Inc.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE AND PHOSPHATASE HOMOLOGUES AND USES THEREFOR

described in an application

_____ executed by us of even date herewith and about to be filed

<u>X</u> Serial No. 09/579,182, filed on May 25, 2000

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And I agree, for myself and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this 22nd day of $30n\varphi$ 2000

Ceith E. Robison

State of *Macronouscens*))ss County of *Masses*)

Then personally appeared the above named Keith E. Robison and acknowledged the foregoing instrument to be his/her free act and deed, before me, this <u>12</u> day of <u>1000</u>, 2000.

Notary Public

My commission expires: 10/21/2005

PATENT REEL: 011157 FRAME: 0987

BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE UNITED STATE PATENT AND TRADEMARK OFFICE

A PERSON

LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)

Maria C. Laccotripe is hereby given limited recognition under 37 CFR § [0.9(b) as an employee of Lahive and Cockfield to prepare and prosecute patent applications wherein the patent applicant is the client of Lahive and Cockfield, and the attorney of agent of record in the applications is a registered practitioner who is a member of Lahive and Cockfield. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Maria C. Laccotripe ceases to lawfully reside in the United States, (ii) Maria C. Laccotripe's employment with Lahive and Cockfield ceases or is terminated, or (iii) Maria C. Laccotripe ceases to remain or reside in the United States on an H-1 visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

RECORDED: 09/25/2000

Expires: October 5, 2000



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